

WEEKLY CROP-WEATHER

MN and U.S. Depts. of Agriculture
PO Box 7068, St. Paul, MN 55107
Phone: (651) 296-2230
E-mail: nass-mn@nass.usda.gov
Homepage: <http://www.nass.usda.gov/mn/>

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

RAIN DELAYS FIELDWORK

Rain slowed fieldwork including spraying and cultivating, according to the Minnesota Agricultural Statistics Service. Rain helped soil moisture conditions in many areas of the state, but low lying areas were ponding. The northwestern portion of the state went from short and very short topsoil moisture to adequate and surplus topsoil moisture. Weed control is becoming a problem in many areas where rain made it difficult to impossible to access fields. Lower temperatures and cloudy conditions slowed crop growth and progress. South Central and Southeastern Districts are starting to experience insect problems.

Corn height averages 17 inches, compared with 14 inches this time last year. The 5-year average is 13 inches. Corn condition was rated as 70% good to excellent.

Soybean height is 5 inches versus 3 inches a year ago and the 5-year average of 4 inches. Soybean condition was rated as 68% good to excellent.

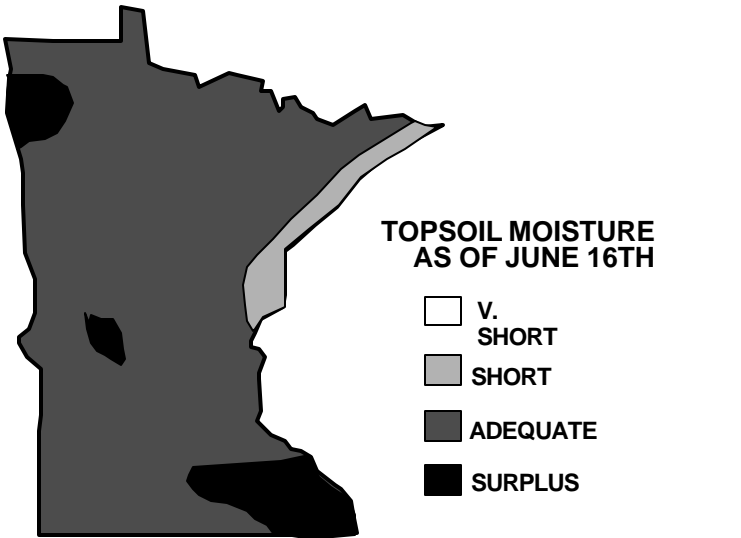
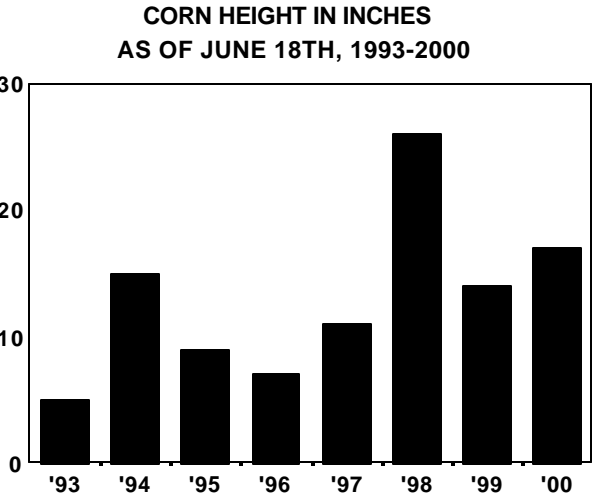
Spring wheat jointing has reached 82%, compared with 60% last year and the 5-year average of 50%. Spring wheat is heading on 27% of the acres, compared to 16% last year and 9% for the 5-year average. Conditions were rated as 67% good to excellent.

First cutting of alfalfa is 83% complete, compared to 82% last year and the 5-year average of 70%. Rains continue to make it difficult for hay cutting and bailing.

Topsoil moisture conditions across the state were rated 0% very short, 7% short, 75% adequate, and 18% surplus as of Friday.

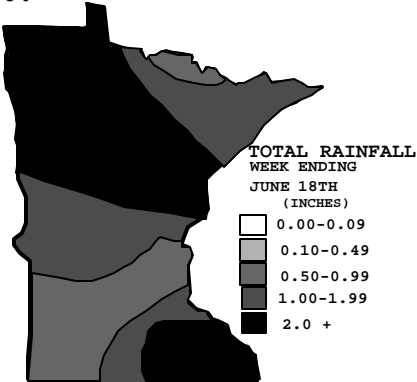
Days Suitable for Fieldwork: 2.9					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		0	7	75	18
Crop Progress as of June 18, 2000					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Cultivated	45	42	33	50
	Height-inches	13	14	10	17
Soybeans	Cultivated	19	16	12	25
	Height-inches	4	3	4	5
Spring Wheat	Jointed	50	60	60	82
	Heading	9	16	5	27
Barley	Jointed	45	51	57	81
	Heading	7	10	7	21
Oats	Jointed	66	77	63	81
	Heading	14	20	12	32
Sweet Corn	Planted	91	92	91	92
Alfalfa Hay	First Cutting	70	82	77	83
Crop Condition as of June 16th in %					
	V.Poor	Poor	Fair	Good	Exc.
Pasture	1	3	25	60	11
Barley	3	7	20	52	18
Spring Wheat	6	9	18	48	19
Oats	0	2	25	60	13
Corn	1	4	25	56	14
Soybeans	2	4	26	56	12

Height in Inches as of June 16th								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn	7	6	12	14	8	16	18	11
Soybean	4	3	5	6	4	5	5	5



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 18,2000:

Temperatures averaged from 6.7 degrees below normal in the East Central District to 3.8 degrees below normal in the Southeast. Extremes: 34° in Hibbing; 88° in Canby and Lamberton. Precipitation averaged from 0.11 inch below normal in the Southwest District to 2.21 inches above normal in the Northwest District. Greatest weekly total was 3.90 inches.



Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum to 50 degrees.

Precipitation and Temperature Summary for 06/12/2000 through 06/18/2000

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since Apr 28	Depart from Norm
<u>NW DIST 1</u>										
Crookston	84	38	59.7	-5.1	3.10	2.26	.56	-.69	552	5
Moorhead	80	39	59.9	-5.6	2.95	2.28	2.34	1.67	574	-10
Warroad	80	40	55.6	-6.6	2.97	2.09	1.43	.96	425	-22
<u>NC DIST 2</u>										
Grand Rapids	76	35	55.4	-6.8	2.25	1.27	-.16	.97	523	56
Intl. Falls	72	37	55.3	-6.1	.79	-.16	-.77	.19	430	-18
Itasca	81	35	57.5	-4.9	2.64	1.58	.60	-.38	498	31
<u>NE DIST 3</u>										
Duluth	74	35	53.0	-6.7	2.32	1.41	-.10	-.72	384	6
Grand Marais	65	40	50.6	-3.2	1.21	.38	-.91	-1.97	153	-99
Hibbing	74	34	54.6	-5.6	1.49	.57	.21	.68	454	44
<u>WC DIST 4</u>										
Alexandria	75	41	58.4	-7.4	1.46	.45	-.66	-1.00	535	-51
Browns Valley	87	44	62.7	-4.0	1.16	.27	-1.23	-2.08	604	2
Canby	88	45	63.8	-4.7	.64	-.23	.57	1.74	680	13
Fergus Falls	82	45	60.8	-4.4	1.53	.63	.60	.82	605	39
Montevideo	86	45	64.0	-3.7	.56	-.39	2.06	1.02	670	18
Morris	83	44	62.1	-3.8	1.58	.68	.50	.30	638	50
<u>CENT DIST 5</u>										
Becker	81	38	60.6	-4.3	1.47	.38	-.36	-2.31	648	83
Hutchinson	86	44	64.9	-2.6	.84	-.22	.27	-.27	747	102
Olivia	85	44	63.0	-5.6	.79	-.15	.73	.81	669	-3
St. Cloud	76	38	59.3	-5.5	1.33	.19	-1.09	-2.25	594	34
Staples	80	37	59.0	-4.7	3.19	2.12	1.24	1.06	536	18
Willmar	82	44	62.2	-5.0	1.13	-.09	-.13	-1.58	630	-1
<u>EC DIST 6</u>										
Aitkin	72	38	55.1	-8.0	2.45	1.47	.74	2.11	509	17
Cambridge	74	38	58.2	-7.0	.55	-.52	-.84	-1.31	546	-22
MSP Airport	77	45	62.1	-6.1	.86	-.11	.70	-.01	672	3
St. Paul - UofM	77	43	63.0	-5.6	.62	-.52	-.29	-1.40	726	3
<u>SW DIST 7</u>										
Lamberton	88	45	64.5	-3.9	.79	-.02	.29	1.31	683	12
Pipestone	84	47	63.2	-3.2	.58	-.34	-.45	4.15	649	42
Redwood Falls	78	46	63.3	-6.2	.86	.06	.96	1.36	708	-15
Worthington	86	48	63.4	-3.8	.95	-.06	-.70	1.25	660	38
<u>SC DIST 8</u>										
Faribault	81	43	63.0	-4.3	2.60	1.78	4.19	4.40	658	30
Waseca	84	42	63.2	-4.0	2.18	1.21	4.63	4.79	698	62
Winnebago	86	44	63.2	-4.5	1.32	.28	2.68	4.56	712	61
<u>SE DIST 9</u>										
Preston	79	41	62.5	-3.5	3.85	2.85	7.43	8.97	681	99
Red Wing	81	44	62.8	-2.3	1.83	.80	3.01	.98	648	101
Rochester	76	43	61.0	-5.6	3.90	3.04	7.82	10.04	628	24
Rosemount	80	43	62.4	-5.5	1.09	.07	.88	-.36	690	29
Winona	83	50	65.9	-1.7	2.98	2.13	4.71	4.73	750	107

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